Index of Claims

Application/Control No.

10/077,744

Examiner

Applicant(s)/Patent under Reexamination

HIDAKA ET AL.

Art Unit

Venkatesh Haliyur

2616

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cia      | Claim Date |              |              |          |   |              |          | Cir               | Claim Date |          |          |          |  |                         |           |                | Claim Date  |           |   |          |          |  |                    |  |                |                 |                |                              |   |
|----------|------------|--------------|--------------|----------|---|--------------|----------|-------------------|------------|----------|----------|----------|--|-------------------------|-----------|----------------|---|-----------|---|----------|----------|--|--------------------|--|----------------|-----------------|----------------|------------------------------|---|
| Cla      |            |              |              |          |   |              |          |                   |            |          |          |          |  |                         | $\forall$ | <del>  '</del> |   | Date      |   |          |          |  |                    |  |                |                 |                |                              |   |
| Final    | Original   | 12/14/06     |              |          |   |              |          |                   |            |          | Final    | Original |  |                         |           |                |   |           |   | Final    | Original |  |                    |  |                |                 |                |                              |   |
| 1        | 1          | -            | -            | $\vdash$ | $\dashv$  | Н            | $\vdash$ | -                 | +          | -        | -        | 51       | $\vdash$   | +                       |           | $\vdash$       | +   | +         | +                                       |          | 101      | $\dashv$   | 十                  | ╁  | ┢              | H               | _              | +                            | _ |
| 2        | 2          | Ŧ            | $\vdash$     | $\dashv$ | -   | Н            | $\vdash$ | $\dashv$          | -          | $\dashv$ |          | 52       | -  | +                       |           | Н              | +   | +         | $\forall$                               |          | 102      | $\top$   | 1                  | +  | ┢              | Н               | $\dashv$       | $\neg \vdash$                | _ |
| 3        | 3          | H            | ┢            |          | $\neg$  | Н            |          |                   | 一十         | $\dashv$ | <b>—</b> | 53       |  | $\top$                  |           | Н              | _   | $\top$    | 1-1                                     |          | 103      |  | 1                  |  |                | .               | 寸              | _                            | _ |
| 4        | 4          | ╫            | 1            |          |   |              |          |                   |            | =        | _        | 54       |  | 十                       | 1-        | П              | $\top$  |           | 11                                      |          | 104      |  | 1                  | 1  |                | П               |                | $\neg$                       | _ |
| 5        | 5          | Ħ            |              | -        |   | П            |          |                   | 十          | _        |          | 55       |  | 1                       | 1         | П              | $\top$  |           | $\Box$                                  |          | 105      |  |                    |  | Г              |                 | Î              |                              | _ |
| 6        | 6          | ⇈            | ┢            |          |   | Н            | П        |                   | _          |          |          | 56       |  | 1                       | $\top$    |                |   | $\exists$ | 1-1                                     |          | 106      |  | 1                  | Т  | Г              |                 |                |                              |   |
| 7        | 7          | H            |              |          |   | H            | П        |                   |            | _        |          | 57       |  |                         | 1         | П              |   | $\top$    | $\top$                                  |          | 107      |  | $\top$             |  |                |                 |                |                              |   |
| 8        | 8          | Ħ            | T            |          |   |              |          |                   | $\neg$     | _        |          | 58       |  |                         |           |                | $\neg$  |           |   |          | 108      |  | T                  |  |                |                 |                |                              | _ |
| 9        | 9          | Ħ            | T            |          |   | П            |          | $\Box$            | $\neg$     | _        |          | 59       |  | _                       |           |                | $\neg$  |           | $\Box$                                  |          | 109      |  |                    |  |                |                 |                | $\Box$                       |   |
| 10       | 10         | П            | Г            |          |   |              |          |                   | $\neg$     | ٦.       |          | 60       |  |                         |           | П              | 丁   |           |   |          | 110      |  |                    |  |                |                 |                |                              |   |
| 11       | 11         | $\sqcap$     | Π            | П        |   |              | П        |                   |            |          |          | 61       |  |                         | $\prod$   |                |   | I         |   |          | 111      |  | $oldsymbol{\perp}$ |  |                | $\Box$          |                |                              | _ |
| 12       | 12         | П            | Π            |          |   |              | П        |                   |            |          |          | 62       |  | I                       |           |                |   |           |   |          | 112      |  |                    | <u>                                     </u> |                | $\Box$          |                | $\perp$                      |   |
| 13       | 13         | 上            |              |          |   |              |          |                   |            |          |          | 63       |  | $oldsymbol{\mathbb{I}}$ | I         |                | $\Box$  |           |   |          | 113      | $\Box \Box$  |                    |  |                | Ш               |                |                              | _ |
|          | 14         |              |              |          |   |              |          |                   |            |          |          | 64       |  |                         |           |                |   |           |   |          | 114      |  |                    |  | 匚              | $\square$       |                |                              |   |
|          | 15         |              |              |          |   |              |          |                   |            |          |          | 65       |  |                         |           |                | $\Box$  |           |   |          | 115      |  |                    |  |                | Ш               |                | $oldsymbol{\perp}$           |   |
|          | 16         |              |              |          |   |              |          |                   |            |          |          | 66       |  |                         |           |                | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |   |          | 116      |  | $\perp$            |  | L              | Ш               |                |                              | _ |
|          | 17         |              |              |          |   |              |          |                   |            |          |          | 67       |  |                         |           |                |   |           |   |          | 117      |  |                    |  | <u> </u>       |                 | _              |                              | _ |
|          | 18         |              |              |          |   |              |          |                   |            |          |          | 68       |  |                         |           |                |   |           |   |          | 118      |  |                    | _  | <u> </u>       | Ш               |                |                              |   |
|          | 19         |              |              |          |   |              |          |                   |            |          |          | 69       |  |                         |           |                |   |           |   |          | 119      |  |                    |  |                | Ш               | _              | $\perp \! \! \! \! \! \perp$ |   |
|          | 20         | Г            |              |          |   |              |          |                   |            |          |          | 70       |  |                         |           |                |   |           |   |          | 120      |  |                    |  |                | Ш               |                |                              |   |
|          | 21         |              |              |          |   |              |          |                   |            |          |          | 71       |  |                         |           |                |   |           |   |          | 121      |  |                    |  | L              |                 |                |                              |   |
|          | 22         |              |              |          |   |              |          |                   |            |          |          | 72       |  |                         |           |                |   |           | 1_1                                     |          | 122      |  |                    | 丄  | _              |                 |                |                              |   |
|          | 23         | Π            |              |          |   |              |          |                   |            |          |          | 73       |  |                         |           |                |   |           |   |          | 123      |  |                    | ┸  | L              | Ш               |                | $\perp$                      |   |
|          | 24         |              |              |          |   |              |          |                   |            |          |          | 74       |  |                         |           |                |   |           | 1                                       |          | 124      |  |                    | 1_   | _              | Ш               |                |                              | _ |
|          | 25         |              |              |          |   |              |          |                   |            |          |          | 75       |  |                         |           |                |   |           |   |          | 125      |  |                    | $\perp$                                      | _              | Ш               |                |                              | _ |
|          | 26         |              |              |          |   |              |          |                   |            |          |          | 76       |  |                         |           |                |   |           |   |          | 126      | Ш.   |                    | <u> </u>                                     |                |                 |                |                              | _ |
|          | 27         |              |              |          |   |              |          |                   |            |          |          | 77       |  |                         |           |                | $\Box$  | $\perp$   | 11                                      |          | 127      |  | _                  | _  | _              | Ш               | _              |                              | _ |
|          | 28         |              |              |          |   |              |          | ٠                 |            |          |          | 78       |  |                         |           | L              |   |           | Ш                                       | <u> </u> | 128      |  |                    | $\perp$                                      | _              |                 |                | $\dashv$                     | _ |
|          | 29         |              |              |          |   |              |          |                   |            |          |          | 79       |  | ┸                       |           | _              |   | $\perp$   | 11                                      |          | 129      |  | ┸                  | <u> </u>                                     | L              | Ш               |                |                              | _ |
|          | 30         |              |              |          |   |              |          |                   |            |          |          | 80       | Ш  | $\perp$                 |           |                |   |           | _                                       |          | 130      |  |                    | 1  | 1_             | Ш               | _              |                              | _ |
|          | 31         |              | _            |          |   |              |          |                   |            |          |          | 81       |  |                         |           | _              |   | _         | <u> </u>                                |          | 131      |  | _                  | 4  | ₩              | Ш               | _              |                              | _ |
|          | 32         | L            |              | L.       |   |              | L        | _                 |            |          |          | 82       |  | _                       |           |                |   | _         |   |          | 132      |  | _                  | _  | <u> </u>       | Ш               |                | _                            | _ |
|          | 33         | <u> </u>     | $\perp$      | Ш        | $ldsymbol{le}}}}}}$ |              | <u> </u> | Щ                 | Ц          | _        |          | 83       | $\sqcup$   | $\bot$                  | _         | <u> </u>       | $\sqcup$  | $\bot$    | $\bot$                                  | <u> </u> | 133      | $\vdash \vdash$  | $\perp$            | $\bot$                                       | <del> </del> - | $\vdash$        |                | $\dashv$                     | _ |
|          | 34         | <u> </u>     | ↓_           |          |   | $oxed{oxed}$ | <u> </u> |                   | $\sqcup$   | _{       |          | 84       | $\sqcup \bot$                                    | $\perp$                 | 4         | $\vdash$       | $\dashv$  | -         |   | <u> </u> | 134      | <del></del>  |                    | +  | -              | $\vdash$        | <u> </u>       |                              | _ |
| -        | 35         | <u> </u>     | $\perp$      |          |   | <u> </u>     | <u> </u> |                   | $\sqcup$   | _        |          | 85       |  | _                       | $\bot$    | $\vdash$       |   |           | +                                       |          | 135      | $\vdash$   | +                  | +  |                | $\vdash$        | $\blacksquare$ | $\dashv$                     | _ |
|          | 36         | $\perp$      | $\perp$      |          | <u> </u>  | <u> </u>     | L        | $ldsymbol{f eta}$ | $\sqcup$   | _        | ļ        | 86       | <b> </b>  -                                      | _                       | $\bot$    | -              |   | $\perp$   | $\bot$                                  | <u> </u> | 136      | $\vdash \vdash$  | +                  | +-   | -              | $\vdash \vdash$ | ш              | +                            | _ |
| L        | 37         | <u> </u>     | ↓_           | L_       | <u> </u>  | <u> </u>     | Ш        | L_                | $  \bot  $ | _        | <u> </u> | 87       | $\sqcup$   |                         |           | <u> </u>       | $\vdash$  |           | 4                                       |          | 137      | -  | - -                | +  |                | $\vdash$        | _              |                              | _ |
|          | 38         | <u> </u>     | <u> </u>     | L.       |   | <u> </u>     | <u>L</u> | <u> </u>          |            | _        | <u> </u> | 88       |  | _                       | 4         | _              | $\sqcup$  |           | +                                       |          | 138      | $\vdash$   |                    | +  |                |                 |                |                              | _ |
|          | 39         | 1            | $\perp$      | _        | <u> </u>  | <u> </u>     | <u> </u> |                   | Ш          | _        | <u> </u> | 89       | $\sqcup \bot$                                    | $\bot$                  | $\perp$   | <u> </u>       | $\vdash$  | -         | $\bot$                                  | <u> </u> | 139      | $\vdash \vdash$  | +                  | $\perp$                                      | ┼-             |                 |                | +                            | _ |
| <u></u>  | 40         | 1_           | <del> </del> | L_       | <u> </u>  | Ļ            | L        | L                 | $\sqcup$   | _        |          | 90       | $\sqcup$   | $\bot$                  | -         | <u> </u>       | $\sqcup \downarrow$                               |           | _                                       | <u> </u> | 140      | ⊢-   | +                  | +  | $\vdash$       | $\vdash$        | $\dashv$       |                              | _ |
|          | 41         | ↓_           | ↓_           | _        | <u> </u>  | <b>!</b>     | <u> </u> | <u> </u>          | $\sqcup$   | _        | <u> </u> | 91       | $\sqcup$   | 4                       | 1         | ₩              | $\vdash$  | - -       | 4-4                                     |          | 141      |  | +                  | +  | $\vdash$       |                 | $\vdash$       | $\dashv$                     | _ |
|          | 42         | <del> </del> | ↓_           |          | _   | _            | <u> </u> | <u> </u>          |            | _        | ļ        | 92       | $\vdash \vdash$                                  | $\perp$                 |           | -              | $\vdash \vdash$                                   | +         | 4-4                                     |          | 142      | ⊢-   | +                  | +  | +-             | ├-              |                |                              | _ |
|          | 43         | ↓_           | <b> </b>     | <u> </u> |   | <u> </u>     | <u> </u> | <u> </u>          | $\sqcup$   | _        | -        | 93       | <b>├</b>   | _                       | +         | <del> </del>   | $\vdash$  | +         | +                                       | ·        | 143      | $\vdash$   | +                  | +  | ┼-             | -               | $\vdash$       | $\vdash$                     | _ |
|          | 44         | $\vdash$     | 1            | Ь.       | <u> </u>  | <u> </u>     | <u> </u> | <u> </u>          | $\sqcup$   | _        | <u> </u> | 94       | $\vdash \vdash$                                  | +                       | +-        | ├-             | $\vdash \vdash$                                   | -         | +                                       | . —      | 144      | $\vdash$   | +                  | +-   | +              | $\vdash$        | Н              | $\vdash$                     | _ |
| -        | 45         | ╀            | -            | <b>↓</b> | ļ   | <u> </u>     | <u> </u> | <u> </u>          | $\square$  |          |          | 95       | $\vdash \vdash$                                  |                         |           | 1              | $\vdash \vdash$                                   | $\dashv$  | 4-4                                     | <u> </u> | 145      | ├├-  | +                  | +  | +              | +               | Ш              | $\vdash$                     | _ |
| L.       | 46         | ╀_           |              | 닏        | <u> </u>  | <b>├</b>     | ⊢        | <b>-</b>          | $\sqcup$   | _        | -        | 96       | <del>                                     </del> | _                       | -         | -              |   | +         | +                                       |          | 146      | $\vdash$   | +                  | +-   | ╂              | $\vdash$        | H              | $\vdash$                     | _ |
| <u> </u> | 47         | $\perp$      | ↓_           | ļ        | <u> </u>  | ـــ          | <u> </u> | <u> </u>          | $\sqcup$   | _        |          | 97       | ╁┈╁  | +                       | +         |                |   | $\dashv$  |   |          | 147      | $\vdash$   | -                  | ╂  | +              | $\vdash$        | $\vdash$       | $\vdash$                     | _ |
|          | 48         | 1_           | <u> </u>     | <u> </u> | <u> </u>  | _            | <u> </u> | <u> </u>          |            | _        |          | 98       | $\vdash$   | +                       | +         | $\vdash$       | Н.  | -         | +                                       | <u> </u> | 148      | <del>                                     </del>   | +                  | +  | ╁┈             | $\vdash$        | <del>  </del>  | $\vdash$                     | _ |
|          | 49         | 1_           | <u> </u>     | <u> </u> | <u> </u>  | ـ            | ļ        | <u> </u>          | $\sqcup$   | 4        |          | 99       | $\vdash$   | -                       | 4-        | ╀              | $\vdash \downarrow$                               |           | 4-4                                     | <u> </u> | 149      | $\vdash \vdash$  | +                  | +  | +              | $\vdash$        | $\vdash$       |                              | _ |
| L        | 50         | 1_           | 1_           |          | L_  |              | L.       |                   | Ш          |          |          | 100      |  | L                       |           | 1              |   |           | لــــــــــــــــــــــــــــــــــــــ |          | 150      | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L_                 |  | <u> </u>       | 1               | L              | 止                            | ٠ |